

SECRET

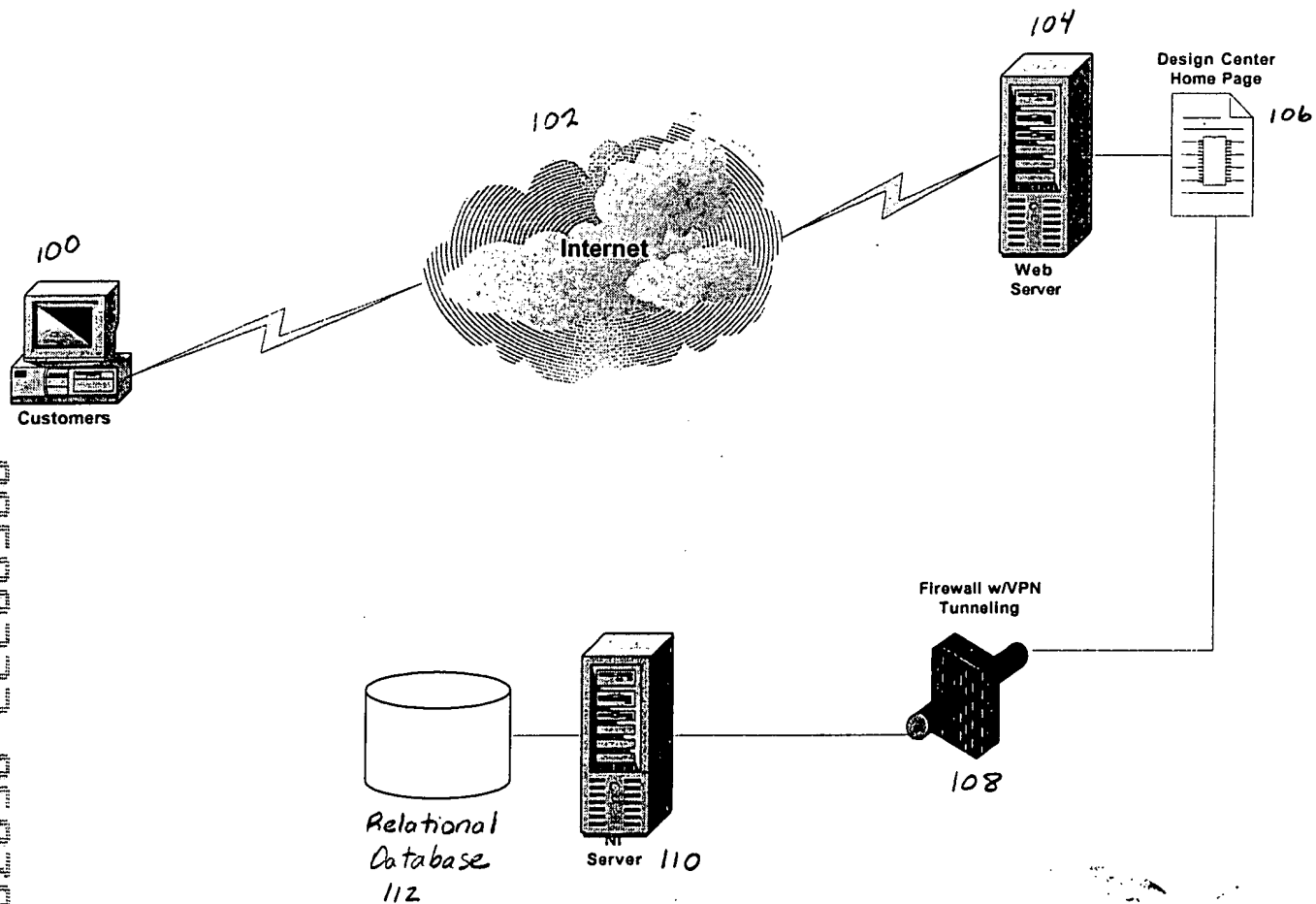


Figure 1

Microsoft Access

File Edit View Insert Format Records Tools Window Help

VIRTUAL PRODUCT DESIGNER

Please select the criteria that you would like to begin your design with:

| | | | | | | |
|-----------------------|---------------------|--------------------|------------------|----------------------------------|------------------------------------|-----------------------------|
| Form Factor Blocks | Processor Blocks | Chip Set Blocks | Memory Blocks | Graphics Controller Blocks | Peripheral Controller Blocks | I/O Controller Blocks |
| 122 | 124 | 126 | 128 | 130 | 132 | 134 |

Form View

Figure 2

142

144

00/090"222635150

140

Microsoft Access

File Edit View Insert Format Records Tools Window Help

VIRTUAL PRODUCT DESIGNER

What is your form factor?

☐ Baby AT

☐ LPX

☐ ATX

☐ NLX

☐ POS51

☐ cPCI

☐ Custom

← Back

Done

Next →

Features of Your Design

Form Factor -

Processor -

Chip Set -

Memory -

Graphics Controller -

Peripheral Controller -

Controller -

YOUR DESIGN FEASIBILITY

COMPONENT DENSITIES

Single sided assembly area _____%

Double sided assembly area _____%

Panel area used _____%

POWER DISSIPATION

Worst case _____ W

Typical _____ W

ESTIMATED COSTS 2500

Material \$ _____

Assembly labor \$ _____

Overhead and Profit \$ _____

Total estimated cost \$ _____

Production Lead-time _____ weeks

Disclaimer Area

146

148

Figure 3

150

Microsoft Access

File Edit View Insert Format Records Tools Window Help

VIRTUAL PRODUCT DESIGNER

I/O Controllers?

☐ Super I/O Controller
☐ 10/100 Base-T Ethernet
☐ Serial I/O Ports
☐ Digital I/O Ports
☐ 1394 Interface
☐ GPS Interface
☐ Custom

◀ Back

Done

Next ▶

Features of Your Design

Form Factor - Custom PCB 5.75 x 8.00 Panel 5.75 x 1.50

 Processor - Pentium - 166 MHZ

 Chip Set - Intel TX Chipset

 Memory - 32 MByte on Board, No Cache NVRAM Socket

 Graphics Controller - Assilant 69000 Video, LCD Interface

 Peripheral Controller - IDE, Floppy, 2 DSB

 Controller - Super I/O, Ethernet

YOUR DESIGN FEASIBILITY

COMPONENT DENSITIES

Single sided assembly area 54 %
 Double sided assembly area 36 %
 Panel area used 36 %

POWER DISSIPATION

Worst case 6.19 w
 Typical 9.90 w

ESTIMATED COSTS 2500

Material \$ 328.20
 Assembly labor \$ 93.33
 Overhead and Profit \$ 140.51

 Total estimated cost \$ 562.04
 Production Lead-time 14 weeks

Disclaimer Area

152

154

00/030" 23253560

156

158

Figure 4

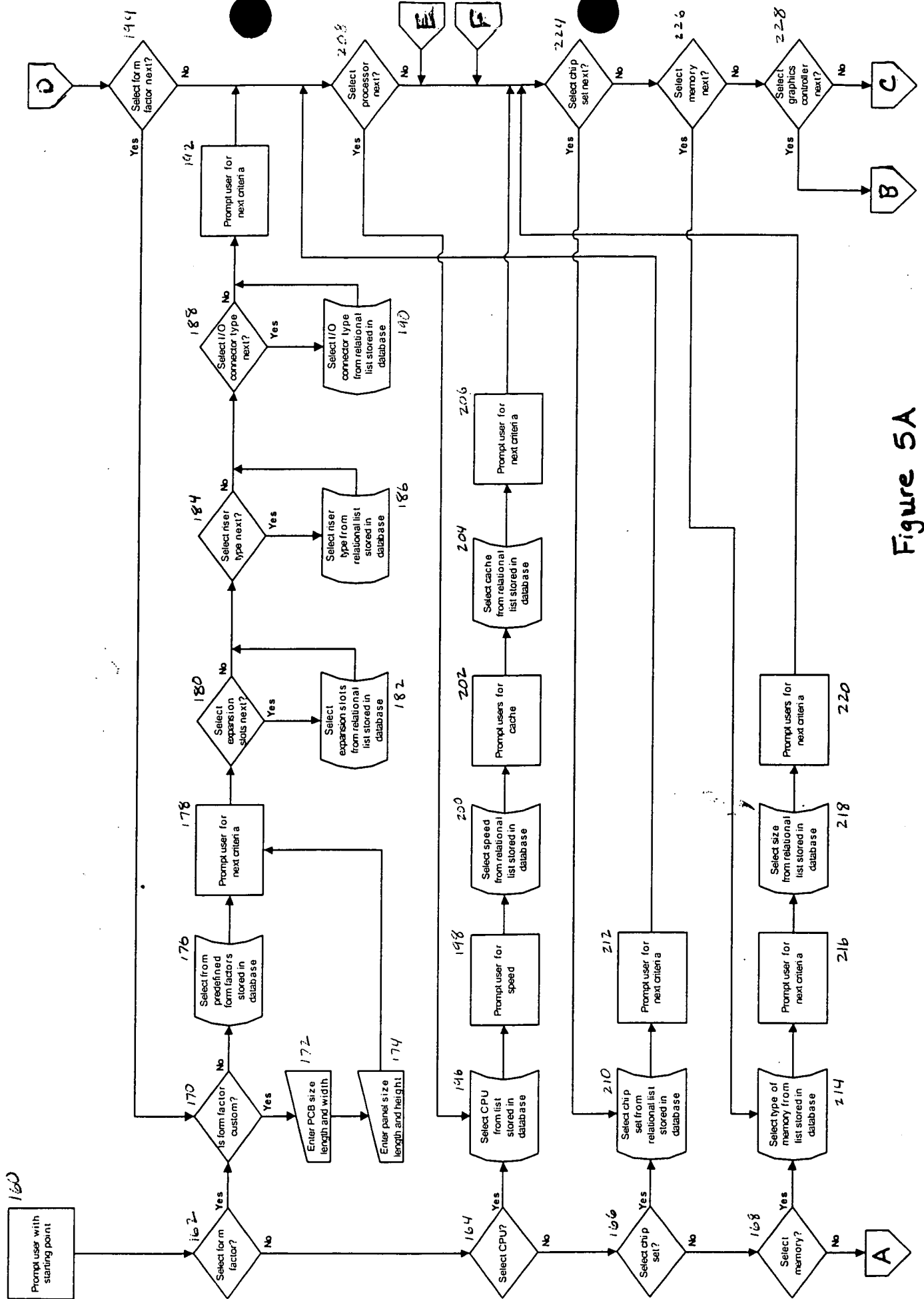


Figure 5A

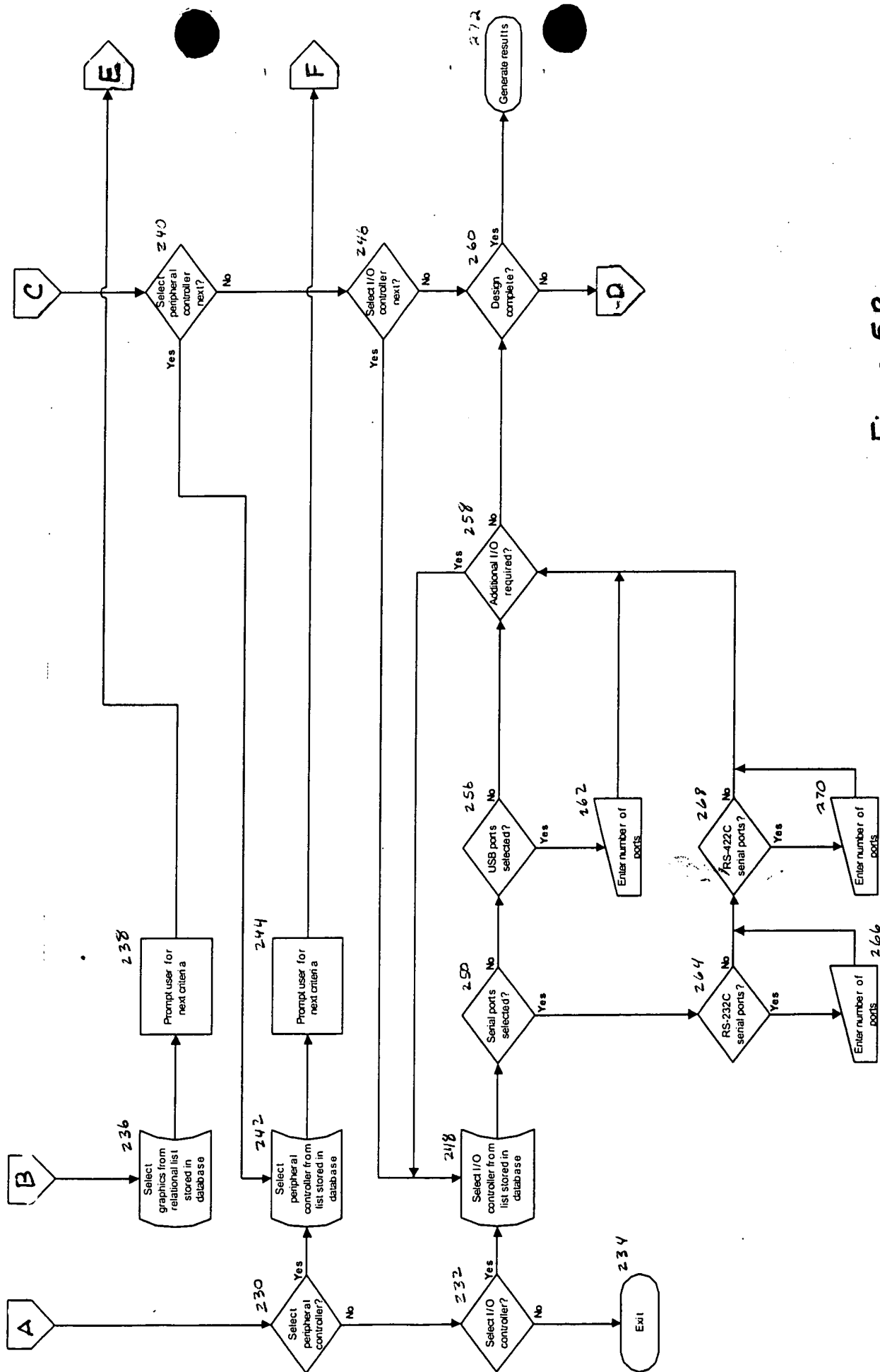
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Figure 5B